



CITRUS MAY FORECAST MATURITY TEST RESULTS AND FRUIT SIZE

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All Oranges Remain at 131.6 Million Boxes

The Florida all orange forecast released today by the USDA Agricultural Statistics Board is unchanged at 131.6 million boxes. The non-Valencia portion (early, midseason, Navel, and Temple varieties) remains at 68.6 million boxes, and the Valencia portion of the forecast remains at 63.0 million boxes. If realized, this forecast would be 19 percent less than last season's production of 162.5 million boxes. In the past 8 non-hurricane seasons, the May forecast has differed from actual production by 1.6 percent, with 3 seasons above and 5 seasons below. Most citrus producing areas in Florida reported ideal growing conditions during April with warm temperatures and adequate amounts of sun and precipitation.

Forecast Dates - 2009-2010 Season	
June 10, 2010	July 9, 2010

Non-Valencia Oranges Remain at 68.6 Million Boxes

The forecast of non-Valencia oranges is unchanged at 68.6 million boxes. The Navel portion of the crop remains at 2.3 million boxes. Harvest of the early, midseason, Navel, and Temple varieties is complete. If realized, this crop would be 19 percent less than harvested last season but 5 percent greater than the 2006-2007 harvest.

Valencia Oranges Remain at 63.0 Million Boxes

The forecast of Valencia oranges is unchanged at 63.0 million boxes. The monthly Row Count survey, conducted April 27-28, 2010, shows harvest at 48 percent, with weekly certifications increasing and approaching 6 million boxes per week. An additional objective survey shows average fruit size and droppage to be consistent with earlier indications.

FCOJ Yield Reduced to 1.55 Gallons per Box

The projection for frozen concentrated orange juice (FCOJ) is lowered to 1.55 gallons per box of 42° Brix concentrate for all oranges, down from 1.56 gallons per box in April. The late (Valencia) projection is decreased from 1.65 gallons per box to 1.63 gallons per box. The early-midseason component is final at 1.511083 gallons per box, as reported by the Florida Department of Citrus. Last season, the early-midseason orange yield was a record 1.597195 gallons per box. In 2007-2008, records were set for the all orange yield at 1.672737 gallons per box and the late orange yield at 1.790343 gallons per box.

Orange Production by Type and State — United States: 2006-2007, 2007-2008, 2008-2009, Forecasted April 1, 2010 and May 1, 2010

Crop and State	Production			2009-2010 Forecast	
	2006-2007 (1,000 boxes)	2007-2008 (1,000 boxes)	2008-2009 (1,000 boxes)	April (1,000 boxes)	May (1,000 boxes)
NON-VALENCIA ORANGES ¹					
Florida	65,600	83,500	84,600	68,600	68,600
California	34,500	45,000	34,500	42,000	42,000
Texas	1,600	1,600	1,300	1,350	1,350
Arizona ²	200	230	150		
United States	101,900	130,330	120,550	111,950	111,950
VALENCIA ORANGES					
Florida	63,400	86,700	77,900	63,000	63,000
California	11,500	17,000	12,000	17,000	17,000
Texas	380	196	159	250	250
Arizona ²	100	150	100		
United States	75,380	104,046	90,159	80,250	80,250
ALL ORANGES					
Florida	129,000	170,200	162,500	131,600	131,600
California	46,000	62,000	46,500	59,000	59,000
Texas	1,980	1,796	1,459	1,600	1,600
Arizona ²	300	380	250		
United States	177,280	234,376	210,709	192,200	192,200

¹ Early, midseason, Navel, and Temple varieties.

² Estimates discontinued beginning with the 2009-2010 crop year.

All Grapefruit Increased to 19.8 Million Boxes

The forecast of all grapefruit is raised 800,000 boxes to 19.8 million boxes and consists of 5.8 million boxes of white and 14.0 million boxes of colored grapefruit. The increase is based on certified utilization through the date of the Row Count survey and the historic relationship to the harvest percent. The Row Count Survey indicated 93 percent of the white grapefruit and 96 percent of the colored varieties are harvested. Estimated utilization is nearly 19.6 million boxes through April 30, 2010.

All Tangerines Increased to 4.5 Million Boxes

The all tangerine forecast is raised 400,000 boxes to 4.5 million boxes. The increase is in the Honey variety, now forecast at 2.2 million boxes. The early tangerine harvest is complete and the forecast remains at 2.3 million boxes. (1.7 million boxes of Sunburst and 600,000 boxes of Fallglo). Certifications of Honey tangerine utilization have exceeded the previous forecast, and in combination with the Row Count indication of 98 percent harvested, necessitated the increase.

Tangelos Remain at 900,000 Boxes

The forecast of tangelos is unchanged at 900,000 boxes. No certifications were recorded in the past month. The Row Count survey showed all tangelo rows were harvested. This crop is the lowest production since the 1963-1964 season.

Forecast Components, by Variety — Florida: May 2010

[Survey data is considered final in December for Navels, January for early-midseason oranges, February for grapefruit, and April for Valencias]

Orange Type	Bearing trees	Fruit per tree	Dropage	Fruit per box	Grapefruit Type	Bearing trees	Fruit per tree	Dropage	Fruit per box
	(1,000)	(number)	(percent)	(number)		(1,000)	(number)	(percent)	(number)
Early-midseason....	24,575	862	8	246	White ¹	1,462	430	12	96
Navel	1,151	365	10	138	Colored.....	3,794	410	10	109
Valencia	33,685	478	14	218					

¹ Seedless variety only.

Citrus Production by Type and State — United States: 2006-2007, 2007-2008, 2008-2009, and Forecasted April 1, 2010 and May 1, 2010

Crop and State	Production			2009-2010 Forecast	
	2006-2007	2007-2008	2008-2009	April	May
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
GRAPEFRUIT					
Florida-All	27,200	26,600	21,700	19,000	19,800
White	9,300	9,000	6,600	5,500	5,800
Colored	17,900	17,600	15,100	13,500	14,000
California	5,500	5,200	4,800	4,200	4,200
Texas	7,100	6,000	5,500	5,500	5,500
Arizona ¹	100	100	25		
United States.....	39,900	37,900	32,025	28,700	29,500
LEMONS					
California	18,500	14,800	21,000	20,000	20,000
Arizona	2,500	1,500	3,000	2,500	2,500
United States.....	21,000	16,300	24,000	22,500	22,500
TANGELOS					
Florida	1,250	1,500	1,150	900	900
TANGERINES					
Florida-All	4,600	5,500	3,850	4,100	4,500
Early ²	2,400	2,600	2,550	2,300	2,300
Honey	2,200	2,900	1,300	1,800	2,200
California ³	3,500	6,700	6,700	9,100	9,100
Arizona ³	300	400	250	450	450
United States.....	8,400	12,600	10,800	13,650	14,050

¹ Estimates discontinued beginning with the 2009-2010 crop year.

² Fallglo and Sunburst varieties.

³ Includes tangelos and tangors.

Maturity — Florida: May 1, 2010

Valencia orange samples were collected on established routes throughout the citrus producing region on April 27-28, 2010, and tested at the laboratory of the USDA, National Agricultural Statistics Service (NASS), Florida Field Office. Acid levels continue to drop, while total soluble solids, ratios, and solids per box have increased throughout the harvest period. Unfinished juice per box has increased only the second time since January.

Citrus Unadjusted Maturity Tests — Florida: 2008-2009 and 2009-2010

[Averages of regular bloom fruit from sample groves. Juice and solids per box are unadjusted and not comparable to juice processing plant test results. All samples were run through an FMC 091 machine using mechanical pressure only. This machine utilizes a 0.040 short strainer and standard 5/8-inch orifice tube. The beam settings are also identical to past tests and no restrictors are used.]

Fruit type (number of groves) test date	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2008-2009	2009-2010	2008-2009	2009-2010	2008-2009	2009-2010	2008-2009	2009-2010	2008-2009	2009-2010
	(percent)	(percent)	(percent)	(percent)			(pounds)	(pounds)	(pounds)	(pounds)
ORANGES										
Late (74-88)										
Oct 1.....	2.52	2.43	8.88	8.92	3.56	3.71	47.72	43.30	4.23	3.85
Nov 1.....	1.93	1.90	9.36	9.39	4.93	5.01	52.06	47.99	4.87	4.51
Dec 1.....	1.63	1.53	10.20	10.24	6.34	6.81	54.05	50.76	5.51	5.20
Jan 1.....	1.42	1.32	11.17	10.94	8.00	8.41	55.65	53.03	6.21	5.81
Feb 1.....	1.36	1.25	11.76	11.68	8.70	9.49	55.77	52.41	6.56	6.12
Feb 15.....	1.30	1.16	12.08	12.09	9.37	10.58	56.90	52.03	6.88	6.29
Mar 1.....	1.25	1.12	12.62	12.29	10.22	11.10	55.81	52.08	7.04	6.40
Apr 1.....	1.12	1.02	12.83	12.84	11.60	12.75	53.64	51.50	6.88	6.61
May 1.....	0.94	0.88	13.09	12.93	14.04	14.92	55.25	51.96	7.24	6.72

Citrus Fruit Maturity Test Averages, by Areas — Florida: May 1, 2010

Fruit type	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	(number)	(percent)	(percent)		(pounds)	(pounds)
ORANGES						
Late						
Indian River.....	18	0.93	13.49	14.61	52.83	7.13
Other Areas.....	70	0.86	12.78	15.00	51.74	6.62

Fruit Size Frequency Measurements, Fruit Size Comparisons by Types to Previous Seasons

Size frequency distributions from the April size survey are shown in the following table. The distributions are by percent of fruit falling within the size range of each 4/5-bushel container. These frequency distributions include fruit from regular bloom and exclude fruit from summer bloom. The chart to the right shows the distribution of fruit sizes in 2010 compared to 2009. The diameter measurements shown are the minimum values of each 1/8-inch range, except for the smallest values.

Citrus Size Frequency Measurement Distributions, Valencia — Florida: April

Type and number of fruit per 4/5-bushel containers	2008	2009	2010
	(percent)	(percent)	(percent)
VALENCIA ORANGES			
64 or less.....	6.3	5.2	8.2
80.....	19.2	23.0	24.2
100.....	34.7	40.5	38.1
125.....	26.5	22.2	21.0
163 or more.....	13.3	9.1	8.5

Fruit Size Frequency Measurements, Valencia Oranges, by Diameter — Florida: April

